

PATENT ABSTRACTS OF JAPAN

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(22)Date of filing : 30.08.2002 (72)Inventor : NAKAI YOSHIO
KAWANAKA SATOSHI
WADA SATOKO

(54) METHOD FOR MANUFACTURING ABSORBENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for manufacturing a biodegradable absorbent whose blood absorbcency is improved.

SOLUTION: The absorbent is manufactured by dissolving/swelling galactomannan in water (containing surfactants if necessary) to form sol wherein galactomannan concentration is 0.1 to 2 mass %, adding boron and polyvalent metal ions of trivalent or more other than boron to form crosslinking body and drying it, so that the dried matter may have both of the below-mentioned performances. That is, blood of 30 times or more of its dead weight can be absorbed within one hour after the start of absorption. Further, blood of 10 times or more of its dead weight can be absorbed within three minutes after the start of absorption under the load of 40g/cm².

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